



Specifications

Electrical Rating.	6000W maximum.
Temperature Rating.	Main Chamber: 122°F - 1832°F (50°C - 1000°C). Afterburner: 122°F - 2012°F (50°C - 1100°C).
Max. Sample Capacity.	4000 g.
Dimensions.	External: 27" w. x 33" d. x 37" h. (690 x 840 x 930 mm). Chamber: 13.6" w. x 13.6" d. x 11.8" h. (345 x 345 x 300 mm).
Weight.	Net 242 lbs. (110 kg).

Ordering Information

Note: Supplied with basket system and accessories.

EI45-3900/01. 230-240vAC, 50/60 Hz, 1ø.

EI45-3900/07. 208vAC, 50/60 Hz, 1ø.

Accessories

EI45-3900/10. Flexible Exhaust Tubing.

EI45-3900/15. Stand for Asphalt Content Tester.

Replacement Parts

EI45-3900/12. Printer Paper Rolls.

EI45-3900/21. Spare Basket.

EI45-3900/32. Replacement Element. Right Hand Side.

EI45-3900/33. Replacement Element. Left Hand Side.

ELE Asphalt Content Tester

ASTM D-6307; AASHTO TP53-95; BS DD ABH Draft.

- **Fast warm up at pre-set time.**
- **Test results in 30 to 45 minutes.**
- **Integral weighting system.**
- **Up to 4000 g test sample.**
- **Provides final calibrated asphalt content.**
- **On-board memory for storing test results and calibration factors.**
- **Environmental benefits over solvent method.**

The ELE Asphalt Content Tester is an analyzer that determines the asphalt content of a sample by loss on ignition. The asphalt sample is bathed in oxygenated air and weighed continually throughout the ignition procedure. The ELE Asphalt Content Tester's software identifies the end-point of ignition and indicates the completion of the test. Alternatively, users can set the test to end at a pre-set time. Results are documented by a printer.

The control panel incorporates a keyboard and function keys, with a large LCD screen to display control procedures and test data. The memory facilities enable calibration factors to be stored, which can be recalled and entered into the test program as required.

Test results are also stored in the memory for downloading to a PC or the printer, supplied as standard. Data entry to start a test is straightforward using menu driven screen displays.

The full screen test prompts describe in detail the function of each subsequent menu option, and take the user quickly and simply through the set-up and operation of a test. This facility can be easily disabled once users become familiar with the operation procedure.

Chamber and afterburner temperatures are selected via the control panel. At the end of a test, the freestanding printer provides full data associated with the test. During the testing cycle the door is locked automatically for operator safety.

The screen display language can be selected from a choice of languages. This lightweight furnace can be mounted simply on the laboratory bench or a stand is available as an optional accessory.

The Asphalt Content Tester is supplied complete with two basket sets, basket handling, safety and cooling equipment.

